**Amendments to the Claims:**

Please amend claims 1, 3, 8, 10, 14 and 18 as indicated below.

Please cancel claims 2, 5-6, 9, 11-13, 15 and 17-19 without prejudice.

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claim 1 (currently amended): A method for microscopy comprising the steps of:

- generating pulsed illuminating light that comprises wavelengths which lie in a spectral region;
- defining a detection spectral region that lies within the spectral region;
- influencing the light components of the illuminating light that comprise wavelengths within the detection spectral region by removing the light components using a spectral filter so as to provide influenced illuminating light;
- illuminating a specimen with the influenced illuminating light; ~~and~~
- detecting the detection light proceeding from the specimen within the detection spectral region; and
- allowing, using a further spectral filter, only light of the wavelengths of the detection spectral region to arrive at the detector, the further spectral filter being inverse with respect to the spectral filter.

Claim 2 (canceled)

Claim 3 (currently amended): The method as defined in Claim 1, wherein the influencing ~~contains~~ includes a modification of the polarization state of the light components of the illuminating light that comprise wavelengths within the detection spectral region.

Claim 4 (original): The method as defined in Claim 3, wherein the modification of the polarization state encompasses a rotation of a linear polarization.

Claims 5-6 (canceled)

Claim 7 (original): The method as defined in Claim 1, wherein a pulsed laser is provided for generating the pulsed illuminating light.

Claim 8 (currently amended): A microscope having a light source for generating pulsed illuminating light that comprises light from a spectral region, and having at least one detector for detecting the detection light proceeding from a specimen in a detection spectral region, wherein the detection spectral region lies within the spectral region; ~~and the illuminating light contains no light from the detection spectral region having the same polarization properties~~
further comprising a spectral filter that removes, from the illuminating light, light components of the illuminating light that comprise wavelengths within the detection spectral region, and further comprising a further spectral filter that allows only light of the wavelengths of the detection spectral region to arrive at the detector, wherein the further spectral filter is inverse with respect to the spectral filter.

Claim 9 (canceled)

Claim 10 (currently amended): The microscope as defined in Claim 8, further comprising a third spectral filter that modifies the polarization state of the light components of the illuminating light that comprise wavelengths within the detection spectral region.

Claims 11-13 (canceled)

Claim 14 (currently amended): A confocal scanning microscope having a light source for generating pulsed illuminating light that comprises light from a spectral region, and having at least one detector for detecting the detection light proceeding from a specimen in a detection spectral region, wherein the detection spectral region lies within the

spectral region; ~~and the illuminating light contains no light from the detection spectral region having the same polarization properties~~
further comprising a spectral filter that removes, from the illuminating light, light components of the illuminating light that comprise wavelengths within the detection spectral region, and further comprising a further spectral filter that allows only light of the wavelengths of the detection spectral region to arrive at the detector, wherein the further spectral filter is inverse with respect to the spectral filter.

Claim 15 (canceled)

Claim 16 (currently amended): The confocal scanning microscope as defined in Claim 14, further comprising a third spectral filter that modifies the polarization state of the light components of the illuminating light that comprise wavelengths within the detection spectral region.

Claims 17-19 (canceled)